

1. A method for supporting programming blackouts in an interactive television program guide, the method comprising:

receiving a user indication of a program with the interactive television program guide; and

2. The method of claim 1 wherein receiving a user indication comprises receiving a user indication of a program from a program listings display with the interactive television program guide.

4. The method of claim 1 wherein receiving a user indication comprises receiving a user indication of a program from a record list display with the interactive television program guide.

5. The method of claim 1 wherein receiving a user indication comprises receiving a user indication of a program from a reminder list display with the interactive television program guide.

11. The method of claim 1 wherein displaying the blackout information comprises displaying a program description of the at least one blacked-out program

with the interactive television program guide in response to receiving the user indication.

12. The method of claim 1 wherein displaying the blackout information comprises displaying information regarding replacement media for the at least one blacked-out program with the interactive television program guide in response to receiving the user indication.

13. The method of claim 12 wherein:
the replacement media is at least one pay-per-view program; and
displaying information regarding replacement media comprises displaying information regarding the at least one pay-per-view program with the interactive television program guide in response to receiving the user indication.

14. The method of claim 12 wherein:
the replacement media is at least one video-on-demand program; and
displaying information regarding replacement media comprises displaying information regarding the at least one video-on-demand program with the interactive television program guide in response to receiving the user indication.

15. The method of claim 12 wherein:
the replacement media is at least one television program; and
displaying information regarding replacement media comprises displaying information

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regarding the at least one television program with the interactive television program guide in response to receiving the user indication.

16. The method of claim 12 wherein:

the replacement media is at least one promotional video; and

displaying information regarding replacement media comprises displaying information regarding the at least one promotional video with the interactive television program guide in response to receiving the user indication.

17. The method of claim 12 wherein:

the at least one blacked-out program is a non-pay-per-view program;

the replacement media is at least one pay-per-view program; and

displaying information regarding replacement media comprises displaying a title of the at least one pay-per-view replacement media for the at least one blacked-out non-pay-per-view program with the interactive television program guide in response to receiving the user indication.

18. The method of claim 12 wherein:

the at least one blacked-out program is a non-video-on-demand program;

the replacement media is at least one video-on-demand program; and

displaying information regarding replacement media comprises displaying a title of the at least one video-on-demand replacement media for the

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19. The method of claim 12 wherein displaying information regarding replacement media comprises displaying a list of recommended replacement media for the at least one blacked-out program with the interactive television program guide in response to receiving the user indication.

21. The method of claim 19 wherein displaying a list comprises displaying a list of replacement media having similar program characteristics as the at least one blacked-out program for the at least one blacked-out program with the interactive television program guide in response to receiving the user indication.

22. The method of claim 19 wherein displaying a list comprises displaying a list of replacement media that indicate at least one different showing of the at least one blacked-out program for the at least one blacked-out program with the interactive television program guide in response to receiving the user indication.

23. The method of claim 12 wherein displaying information regarding replacement media comprises displaying at least one description of replacement media for the at least one blacked-out program with the interactive television program guide in response to receiving the user indication.

24. The method of claim 12 wherein displaying information regarding replacement media comprises displaying at least one user-selectable option to directly tune to replacement media with the interactive television program guide in response to receiving the user indication.

25. The method of claim 24 further comprising:

receiving with the interactive television program guide a user selection of the at least one user-selectable option to directly tune to the replacement media; and

tuning with the interactive television program guide to the replacement media in response to the user selection.

26. The method of claim 12 wherein displaying information regarding replacement media comprises displaying at least one user-selectable option to record replacement media with the interactive television program guide in response to receiving the indication.

27. The method of claim 26 further comprising:

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receiving with the interactive television program guide a user selection of the at least one user-selectable option to record the replacement media;

setting a record option for the replacement media with the interactive television program guide in response to the user selection; and

recording with the interactive television program guide the replacement media when the replacement media becomes available.

28. The method of claim 12 wherein displaying information regarding replacement media comprises displaying at least one user-selectable option to set a reminder for replacement media with the interactive television program guide in response to receiving the user indication.

29. The method of claim 28 further comprising:

receiving with the interactive television program guide a user selection of the at least one user-selectable option to set a reminder for the replacement media;

setting a reminder for the replacement media with the interactive television program guide in response to the user selection; and

reminding with the interactive television program guide the user of the replacement media when the replacement media becomes available.

30. The method of claim 12 wherein:

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the replacement media is at least one pay-per-view program; and

displaying information regarding replacement media comprises displaying at least one user-selectable option to order the at least one pay-per-view program.

31. The method of claim 30 further comprising:

receiving with the interactive television program guide a user selection of the at least one user-selectable option to order the at least one pay-per-view program;

ordering the at least one pay-per-view program for the user with the interactive television program guide in response to the user selection; and

providing with the interactive television program guide the at least one pay-per-view program.

32. The method of claim 12 wherein:

the replacement media is at least one video-on-demand program; and

displaying information regarding replacement media comprises displaying at least one user-selectable option to order the at least one video-on-demand program.

33. The method of claim 32 further comprising:

receiving with the interactive television program guide a user selection of the at

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least one user-selectable option to order the at least one video-on-demand program;

ordering the at least one video-on-demand for the user with the interactive television program guide in response to the user selection; and

providing with the interactive television program guide the at least one video-on-demand program.

34. A method for updating record settings of blacked-out programs in an interactive television program guide, the method comprising:

receiving blackout information regarding at least one blacked-out program with the interactive television program guide;

determining with the interactive television program guide whether the at least one blacked-out program has been scheduled for recording;

unscheduling the at least one blacked-out program for recording with the interactive television program guide in response to the interactive television program guide determining that the at least one blacked-out program is scheduled for recording; and

preventing with the interactive television program guide a user from scheduling the at least one blacked-out program for recording.

35. The method of claim 34 further comprising automatically scheduling with the interactive television program guide replacement media for the at least one blacked-out program for recording in response to the interactive television program guide determining

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that the at least one blacked-out program is scheduled for recording.

36. The method of claim 35 wherein automatically scheduling comprises automatically scheduling with the interactive television program guide user-targeted replacement media for the at least one blacked-out program for recording in response to the interactive television program guide determining that the at least one blacked-out program is scheduled for recording.

37. The method of claim 35 wherein automatically scheduling comprises automatically scheduling with the interactive television program guide replacement media having similar program characteristics as the at least one blacked-out program for recording in response to the interactive television program guide determining that the at least one blacked-out program is scheduled for recording.

38. The method of claim 35 wherein automatically scheduling comprises automatically scheduling with the interactive television program guide replacement media that is another showing of the at least one blacked-out program for recording in response to the interactive television program guide determining that the at least one blacked-out program is scheduled for recording.

39. The method of claim 34 further comprising:

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scheduling with the interactive television program guide the replacement media for the at least one blacked-out program for recording in response to the user selection.

41. The method of claim 39 wherein providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule replacement media having similar program characteristics as the at least one blacked-out program for the at least one blacked-out program for recording.

42. The method of claim 39 wherein providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-

selectable option to schedule replacement media that is a different showing of the at least one blacked-out program for the at least one blacked-out program for recording.

43. The method of claim 39 wherein:

the replacement media is at least one pay-per-view program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule the at least one pay-per-view program replacement media for the at least one blacked-out program for recording.

44. The method of claim 39 wherein:

the replacement media is at least one video-on-demand program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule the at least one video-on-demand program replacement media for the at least one blacked-out program for recording.

45. The method of claim 39 wherein:

the replacement media is at least one television program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive

television program guide at least one user-selectable option to schedule the at least one television program replacement media for the at least one blacked-out program for recording.

46. The method of claim 39 wherein:

the replacement media is at least one promotional video; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule the at least one promotional video replacement media for the at least one blacked-out program for recording.

47. The method of claim 39 wherein:

the at least one blacked-out program is a non-pay-per-view program;

the replacement media is at least one pay-per-view program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule the at least one pay-per-view program replacement media for the at least one blacked-out non-pay-per-view program for recording.

48. The method of claim 39 wherein:

the at least one blacked-out program is a non-video-on-demand program;

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule the at least one video-on-demand program replacement media for the at least one blacked-out non-video-on-demand program for recording.

receiving blackout information regarding
at least one blacked-out program with the interactive
television program guide;

unscheduling the reminder for the at least one blacked-out program with the interactive television program guide in response to the interactive television program guide determining that a reminder is scheduled for the at least one blacked-out program; and

50. The method of claim 49 further comprising automatically scheduling a reminder for replacement media for the at least one blacked-out program with the interactive television program guide in response to the interactive television program guide determining that a

reminder is scheduled for the at least one blacked-out program.

51. The method of claim 50 wherein automatically scheduling comprises automatically scheduling a reminder with the interactive television program guide for user-targeted replacement media for the at least one blacked-out program.

52. The method of claim 50 wherein automatically scheduling comprises automatically scheduling a reminder with the interactive television program guide for replacement media having similar program characteristics as the at least one blacked-out program for the at least one blacked-out program in response to the interactive television program guide determining that a reminder is scheduled for the at least one blacked-out program.

53. The method of claim 50 wherein automatically scheduling comprises automatically scheduling a reminder with the interactive television program guide for replacement media that is a different showing of the at least one blacked-out program for the at least one blacked-out program in response to the interactive television program guide determining that a reminder is scheduled for the at least one blacked-out program.

54. The method of claim 49 further comprising:

providing with the interactive television program guide at least one user-selectable

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option to schedule a reminder for replacement media for the at least one blacked-out program;

receiving a user selection of the user-selectable option to schedule a reminder for the replacement media with the interactive television program guide; and

scheduling with the interactive television program guide a reminder for replacement media for the at least one blacked-out program in response to the user selection.

55. The method of claim 54 wherein providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule a reminder for user-targeted replacement media for the at least one blacked-out program.

56. The method of claim 54 wherein providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule a reminder for replacement media having similar program characteristics as the at least one blacked-out program for the at least one blacked-out program.

57. The method of claim 54 wherein providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule a reminder for

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replacement media that is a different showing of the at least one blacked-out program for the at least one blacked-out program.

58. The method of claim 54 wherein:

the replacement media is at least one pay-per-view program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one pay-per-view program replacement media for the at least one blacked-out program.

59. The method of claim 54 wherein:

the replacement media is at least one video-on-demand program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one video-on-demand program replacement media for the at least one blacked-out program.

60. The method of claim 54 wherein:

the replacement media is at least one television program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable

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option to schedule a reminder for the at least one television program replacement media for the at least one blacked-out program.

61. The method of claim 54 wherein:

the replacement media is at least one promotional video; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one promotional video replacement media for the at least one blacked-out program.

62. The method of claim 54 wherein:

the at least one blacked-out program is a non-pay-per-view program;

the replacement media is at least one pay-per-view program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one pay-per-view program replacement media for the at least one blacked-out non-pay-per-view program.

63. The method of claim 54 wherein:

the at least one blacked-out program is a non-video-on-demand program;

the replacement media is at least one video-on-demand program; and

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providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one video-on-demand program replacement media for the at least one blacked-out non-video-on-demand program.

64. A method for supporting pay-per-view programming blackouts in an interactive television program guide, the method comprising:

receiving blackout information regarding at least one blacked-out pay-per-view program with the interactive television program guide;

determining with the interactive television program guide whether a user ordered the at least one blacked-out pay-per-view program; and

informing the user of the blackout of the at least one blacked-out pay-per-view program in response to the interactive television program guide determining that the user ordered the at least one blacked-out pay-per-view program.

65. The method of claim 64 wherein informing the user comprises displaying with the interactive television program guide a blackout notice that informs the user that the fee for the at least one blacked-out pay-per-view program will not be charged to the user's account.

66. The method of claim 64 further comprising preventing with the interactive television program

guide the user from ordering the at least one blacked-out pay-per-view program.

67. The method of claim 66 wherein preventing comprises removing with the interactive television program guide listings for the at least one blacked-out pay-per-view program from displays of listings of available pay-per-view programs.

68. The method of claim 67 wherein removing comprises setting with the interactive television program guide an invalid purchase price for the at least one blacked-out pay-per-view program, wherein the interactive television program guide does not display listings for pay-per-view programs with invalid purchase prices.

69. The method of claim 64 further comprising:

providing with the interactive television program guide at least one user-selectable option for providing replacement media for the at least one blacked-out pay-per-view program;

receiving a user selection of the user-selectable option for providing replacement media with the interactive television program guide; and

providing the replacement media with the interactive television program guide in response to the user selection.

70. The method of claim 69 wherein providing with the interactive television program guide at least one user-selectable option for providing replacement

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media comprises providing a user-selectable list of user-targeted replacement media.

71. The method of claim 69 wherein providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises providing a user-selectable list of replacement media that has similar program characteristics as the at least one blacked-out pay-per-view program.

72. The method of claim 69 wherein providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises providing a user-selectable list of replacement media that is at least one different showing of the at least one blacked-out pay-per-view program.

73. The method of claim 69 wherein providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises providing at least one user-selectable option for providing pay-per-view program replacement media for the at least one blacked-out pay-per-view program.

74. The method of claim 69 wherein providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises providing at least one user-selectable option for providing video-on-demand program

75. The method of claim 69 wherein providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises providing at least one user-selectable option for providing television program replacement media for the at least one blacked-out pay-per-view program.

77. The method of claim 64 further comprising automatically ordering with the interactive television program guide replacement media that is a different showing of the at least one blacked-out program in response to determining with the interactive television program guide that a user ordered the at least one blacked-out program.

78. A method for providing a user of an interactive television program guide with replacement media for blacked-out programs, the method comprising:

receiving blackout information for at least one blacked-out program with the interactive television program guide;

determining targeted replacement media for the blacked-out program with the interactive television program guide;

indicating the availability of the targeted replacement media to the user with the interactive television program guide; and

providing the targeted replacement media to the user in response to receiving with the interactive television program guide a user indication to provide the targeted replacement media.

79. The method of claim 78 wherein determining targeted replacement media for the blacked-out program comprises determining with the interactive television program guide user-targeted replacement media for the blacked-out program based on a viewing history for the user maintained by the interactive television program guide.

80. The method of claim 78 wherein determining targeted replacement media comprises determining with the interactive television program guide targeted replacement media based on characteristics of the at least one blacked-out program and replacement media.

81. The method of claim 78 wherein determining targeted replacement media comprises determining with the interactive television program guide targeted replacement media based on availability of other showings of the at least one blacked-out program.

83. The method of claim 82 wherein displaying at least one program listing comprises displaying at least one program listing in a program listings display with the interactive television program guide.

85. The method of claim 82 wherein displaying at least one program listing comprises displaying at least one program listing in an information display with the interactive television program guide.

87. The method of claim 86 wherein providing the targeted replacement media comprises recording the targeted replacement media listed in the record list display.

88. The method of claim 82 wherein displaying at least one program listing comprises displaying at least one program listing in a reminder list display with the interactive television program guide, wherein the at least one program listing replaces a program listing for the at least one blacked-out program.

89. The method of claim 88 wherein providing the targeted replacement media comprises reminding the user of the targeted replacement media listed in the reminder list display.

90. The method of claim 78 wherein:
the at least one blacked-out program is a non-pay-per-view program;
the targeted replacement media is at least one pay-per-view program; and
indicating the availability of the targeted replacement media comprises indicating the availability of the targeted pay-per-view program replacement media for the at least one blacked-out non-pay-per-view program.

91. The method of claim 78 wherein:
the at least one blacked-out program is a non-video-on-demand program;
the targeted replacement media is at least one video-on-demand program; and
indicating the availability of the targeted replacement media comprises indicating the availability of the targeted video-on-demand program replacement media for the at least one blacked-out non-video-on-demand program.

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92. The method of claim 78 wherein indicating the availability of the targeted replacement media comprises indicating the availability of the targeted replacement media without alerting the user that the at least one blacked-out program has been blacked out.

93. A method for providing blackout data for use by an interactive television program guide in an interactive television program guide system in which blackout data may be transmitted to the program guide using a plurality of transmission methods, the method comprising:

determining an optimal transmission method of the plurality of transmission methods based on when a blackout will occur; and

transmitting blackout data for the blackout to the interactive television program guide using the optimal transmission method.

94. The method of claim 93 wherein determining an optimal transmission method comprises:

determining when the blackout will occur;

calculating the time required by each of the plurality of transmission methods to transmit the blackout data to the interactive television program guide; and

selecting an optimal transmission method based on the calculated time and when the blackout will occur.

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95. The method of claim 93 further comprising determining an optimal transmission method based on resources required by the various transmission methods.

96. The method of claim 95 wherein determining an optimal transmission method based on resources comprises determining an optimal transmission method based on the bandwidth required by the various transmission methods.

97. The method of claim 93 wherein determining an optimal transmission method comprises:

determining if there is sufficient time before a blackout;

waiting for complete blackout data to be received before transmitting the blackout data if there is sufficient time before the blackout; and

transmitting the blackout data if the complete blackout data is received or if there is insufficient time before the blackout.

98. A method for providing interactive television program guide features for blacked-out programs based on blackout types, the method comprising:

receiving blackout information for at least one blacked-out program with the interactive television program guide, wherein the blackout information indicates a type of a blackout for the at least one blacked-out program; and

providing the interactive television program guide features based on the type of the

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blackout for the at least one blacked-out program with the interactive television program guide.

99. The method of claim 98 wherein:

the at least one blacked-out program is an affiliate protection blackout; and

providing the interactive television program guide features based on the type of blackout comprises providing at least one affiliate-protection-specific blackout feature for the affiliate protection blackout with the interactive television program guide.

100. The method of claim 99 wherein providing at least one affiliate-protection-specific blackout feature comprises displaying with the interactive television program guide information that identifies the at least one blacked-out program as an affiliate-protection blackout.

101. The method of claim 99 wherein providing at least one affiliate-protection-specific blackout feature comprises automatically tuning to a local affiliate channel with the interactive television program guide when an affiliate protection blackout of a national channel has occurred and a user accesses a program listing for the at least one blacked-out program.

102. The method of claim 98 wherein:

the at least one blacked-out program is a venue protection blackout; and

providing the interactive television program guide features based on the type of blackout

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comprises providing at least one venue-protection-specific blackout feature for the venue protection blackout with the interactive television program guide.

103. The method of claim 102 wherein providing at least one venue-protection-specific blackout feature comprises displaying with the interactive television program guide information that identifies the at least one blacked-out program as a venue protection blackout.

104. The method of claim 102 wherein providing at least one venue-protection-specific blackout feature comprises displaying with the interactive television program guide an advertisement that advertises a venue event of the at least one blacked-out program.

105. The method of claim 102 wherein providing at least one venue-protection-specific blackout feature comprises providing ticket purchase information for a venue event of the at least one blacked-out program with the interactive television program guide.

106. The method of claim 105 wherein providing ticket purchase information comprises providing contact information of at least one ticket vendor that sells tickets for a venue event of the at least one blacked-out program with the interactive television program guide.

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107. The method of claim 105 wherein providing ticket purchase information comprises providing a user-selectable hyperlink to an Internet site that sells tickets to a venue event of the at least one blacked-out program with the interactive television program guide.

108. The method of claim 105 wherein providing ticket purchase information comprises providing with the interactive television program guide a user-selectable option to purchase tickets for a venue event of the at least one blacked-out program directly from the interactive television program guide.

109. A system for supporting programming blackouts in an interactive television program guide, the system comprising:

means for receiving blackout information regarding at least one blacked-out program with the interactive television program guide;

means for receiving a user indication of a program with the interactive television program guide; and

means for displaying the blackout information regarding the at least one blacked-out program with the interactive television program guide in response to the user indication.

110. The system of claim 109 wherein the means for receiving a user indication comprises means for receiving a user indication of a program from a program listings display with the interactive television program guide.

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111. The system of claim 109 wherein the means for receiving a user indication comprises means for receiving a user indication of a program from a FLIP display with the interactive television program guide.

112. The system of claim 109 wherein the means for receiving a user indication comprises means for receiving a user indication of a program from a record list display with the interactive television program guide.

113. The system of claim 109 wherein the means for receiving a user indication comprises means for receiving a user indication of a program from a reminder list display with the interactive television program guide.

114. The system of claim 109 wherein the means for receiving a user indication comprises means for receiving a user indication of replacement media with the interactive television program guide.

115. The system of claim 109 wherein the means for receiving a user indication comprises means for receiving a user indication of the at least one blacked-out program with the interactive television program guide.

116. The system of claim 109 wherein the means for displaying the blackout information comprises means for displaying the blackout information regarding the at least one blacked-out program in an information

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117. The system of claim 109 wherein the means for displaying the blackout information comprises means for displaying a title of the at least one blacked-out program with the interactive television program guide in response to the user indication.

119. The system of claim 109 wherein the means for displaying the blackout information comprises means for displaying a program description of the at least one blacked-out program with the interactive television program guide in response to the user indication.

121. The system of claim 120 wherein:
the replacement media is at least one
pay-per-view program; and

the means for displaying information regarding replacement media comprises means for displaying information regarding the at least one pay-per-view program with the interactive television program guide in response to the user indication.

122. The system of claim 120 wherein:

the replacement media is at least one video-on-demand program; and

the means for displaying information regarding replacement media comprises means for displaying information regarding the at least one video-on-demand program with the interactive television program guide in response to the user indication.

123. The system of claim 120 wherein:

the replacement media is at least one television program; and

the means for displaying information regarding replacement media comprises means for displaying information regarding the at least one television program with the interactive television program guide in response to the user indication.

124. The system of claim 120 wherein:

the replacement media is at least one promotional video; and

the means for displaying information regarding replacement media comprises means for displaying information regarding the at least one promotional video with the interactive television program guide in response to the user indication.

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125. The system of claim 120 wherein:

the at least one blacked-out program is
a non-pay-per-view program;

the replacement media is at least one
pay-per-view program; and

the means for displaying information
regarding replacement media comprises means for
displaying a title of the at least one pay-per-view
replacement media for the at least one blacked-out non-
pay-per-view program with the interactive television
program guide in response to the user indication.

126. The system of claim 120 wherein:

the at least one blacked-out program is
a non-video-on-demand program;

the replacement media is at least one
video-on-demand program; and

the means for displaying information
regarding replacement media comprises means for
displaying a title of the at least one video-on-demand
replacement media for the at least one blacked-out non-
video-on-demand program with the interactive television
program guide in response to the user indication.

127. The system of claim 120 wherein the
means for displaying information regarding replacement
media comprises means for displaying a list of
recommended replacement media for the at least one
blacked-out program with the interactive television
program guide in response to the user indication.

128. The system of claim 127 wherein the means for displaying a list comprises means for displaying a list of user-targeted replacement media for the at least one blacked-out program with the interactive television program guide in response to the user indication.

129. The system of claim 127 wherein the means for displaying a list comprises means for displaying a list of replacement media having similar program characteristics as the at least one blacked-out program for the at least one blacked-out program with the interactive television program guide in response to the user indication.

130. The system of claim 127 wherein the means for displaying a list comprises means for displaying a list of replacement media that indicate at least one different showing of the at least one blacked-out program for the at least one blacked-out program with the interactive television program guide in response to the user indication.

131. The system of claim 120 wherein the means for displaying information regarding replacement media comprises means for displaying at least one description of replacement media for the at least one blacked-out program with the interactive television program guide in response to the user indication.

132. The system of claim 120 wherein the means for displaying information regarding replacement media comprises means for displaying at least one user-

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selectable option to directly tune to replacement media with the interactive television program guide in response to the user indication.

133. The system of claim 132 further comprising:

means for receiving with the interactive television program guide a user selection of the at least one user-selectable option to directly tune to the replacement media; and

means for tuning with the interactive television program guide to the replacement media in response to the user selection.

134. The system of claim 120 wherein the means for displaying information regarding replacement media comprises means for displaying at least one user-selectable option to record replacement media with the interactive television program guide in response to the indication.

135. The system of claim 134 further comprising:

means for receiving with the interactive television program guide a user selection of the at least one user-selectable option to record the replacement media;

means for setting a record option for the replacement media with the interactive television program guide in response to the user selection; and

means for recording with the interactive television program guide the replacement media when the replacement media becomes available.

136. The system of claim 120 wherein the means for displaying information regarding replacement media comprises means for displaying at least one user-selectable option to set a reminder for replacement media with the interactive television program guide in response to the user indication.

137. The system of claim 136 further comprising:

means for receiving with the interactive television program guide a user selection of the at least one user-selectable option to set a reminder for the replacement media;

means for setting a reminder for the replacement media with the interactive television program guide in response to the user selection; and

means for reminding with the interactive television program guide the user of the replacement media when the replacement media becomes available.

138. The system of claim 120 wherein:

the replacement media is at least one pay-per-view program; and

the means for displaying information regarding replacement media comprises means for displaying at least one user-selectable option to order the at least one pay-per-view program.

139. The system of claim 138 further comprising:

means for receiving with the interactive television program guide a user selection of the at

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means for ordering the at least one pay-per-view program for the user with the interactive television program guide in response to the user selection; and

140. The system of claim 120 wherein:

the means for displaying information regarding replacement media comprises means for displaying at least one user-selectable option to order the at least one video-on-demand program.

means for receiving with the interactive television program guide a user selection of the at least one user-selectable option to order the at least one video-on-demand program;

means for providing with the interactive television program guide the at least one video-on-demand program.

142. A system for updating record settings of blacked-out programs in an interactive television program guide, the system comprising:

means for receiving blackout information regarding at least one blacked-out program with the interactive television program guide;

means for determining with the interactive television program guide whether the at least one blacked-out program has been scheduled for recording;

means for unscheduling the at least one blacked-out program for recording with the interactive television program guide in response to the means for determining determining that the at least one blacked-out program is scheduled for recording; and

means for preventing with the interactive television program guide a user from scheduling the at least one blacked-out program for recording.

143. The system of claim 142 further comprising means for automatically scheduling with the interactive television program guide replacement media for the at least one blacked-out program for recording in response to the means for determining determining that the at least one blacked-out program is scheduled for recording.

144. The system of claim 143 wherein the means for automatically scheduling comprises means for automatically scheduling with the interactive television program guide user-targeted replacement media for the at least one blacked-out program for

recording in response to the means for determining determining that the at least one blacked-out program is scheduled for recording.

145. The system of claim 143 wherein the means for automatically scheduling comprises means for automatically scheduling with the interactive television program guide replacement media having similar program characteristics as the at least one blacked-out program for recording in response to the means for determining determining that the at least one blacked-out program is scheduled for recording.

146. The system of claim 143 wherein the means for automatically scheduling comprises means for automatically scheduling with the interactive television program guide replacement media that is another showing of the at least one blacked-out program for recording in response to the means for determining determining that the at least one blacked-out program is scheduled for recording.

147. The system of claim 142 further comprising:

means for providing with the interactive television program guide at least one user-selectable option to schedule replacement media for the at least one blacked-out program for recording;

means for receiving a user selection of the user-selectable option to schedule the replacement media for recording; and

means for scheduling with the interactive television program guide the replacement

media for the at least one blacked-out program for recording in response to the user selection.

148. The system of claim 147 wherein the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule user-targeted replacement media for the at least one blacked-out program for recording.

149. The system of claim 147 wherein the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule replacement media having similar program characteristics as the at least one blacked-out program for the at least one blacked-out program for recording.

150. The system of claim 147 wherein the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule replacement media that is a different showing of the at least one blacked-out program for the at least one blacked-out program for recording.

151. The system of claim 147 wherein:

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the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule the at least one pay-per-view program replacement media for the at least one blacked-out program for recording.

the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule the at least one video-on-demand program replacement media for the at least one blacked-out program for recording.

the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule the at least one television program replacement media for the at least one blacked-out program for recording.

154. The system of claim 147 wherein:

the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule the at least one promotional video replacement media for the at least one blacked-out program for recording.

the at least one blacked-out program is
a non-pay-per-view program;

the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule the at least one pay-per-view program replacement media for the at least one blacked-out non-pay-per-view program for recording.

the at least one blacked-out program is
a non-video-on-demand program;

the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule the at least one

video-on-demand program replacement media for the at least one blacked-out non-video-on-demand program for recording.

157. A system for updating reminder settings of blacked-out programs in an interactive television program guide, the system comprising:

means for receiving blackout information regarding at least one blacked-out program with the interactive television program guide;

means for determining with the interactive television program guide whether a reminder is scheduled for the at least one blacked-out program;

means for unscheduling the reminder for the at least one blacked-out program with the interactive television program guide in response to the means for determining determining that a reminder is scheduled for the at least one blacked-out program; and

means for preventing with the interactive television program guide a user from scheduling a reminder for the at least one blacked-out program.

158. The system of claim 157 further comprising means for automatically scheduling a reminder for replacement media for the at least one blacked-out program with the interactive television program guide in response to the means for determining determining that a reminder is scheduled for the at least one blacked-out program.

159. The system of claim 158 wherein the means for automatically scheduling comprises means for

automatically scheduling a reminder with the interactive television program guide for user-targeted replacement media for the at least one blacked-out program.

160. The system of claim 158 wherein the means for automatically scheduling comprises means for automatically scheduling a reminder with the interactive television program guide for replacement media having similar program characteristics as the at least one blacked-out program for the at least one blacked-out program in response to the means for determining determining that a reminder is scheduled for the at least one blacked-out program.

161. The system of claim 158 wherein the means for automatically scheduling comprises means for automatically scheduling a reminder with the interactive television program guide for replacement media that is a different showing of the at least one blacked-out program for the at least one blacked-out program in response to the means for determining determining that a reminder is scheduled for the at least one blacked-out program.

162. The system of claim 157 further comprising:

means for providing with the interactive television program guide at least one user-selectable option to schedule a reminder for replacement media for the at least one blacked-out program;

means for receiving a user selection of the user-selectable option to schedule a reminder for

means for scheduling with the interactive television program guide a reminder for replacement media for the at least one blacked-out program in response to the user selection.

164. The system of claim 162 wherein the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule a reminder for replacement media having similar program characteristics as the at least one blacked-out program for the at least one blacked-out program.

165. The system of claim 162 wherein the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule a reminder for replacement media that is a different showing of the at least one

blacked-out program for the at least one blacked-out program.

166. The system of claim 162 wherein:

the replacement media is at least one pay-per-view program; and

the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one pay-per-view program replacement media for the at least one blacked-out program.

167. The system of claim 162 wherein:

the replacement media is at least one video-on-demand program; and

the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one video-on-demand program replacement media for the at least one blacked-out program.

168. The system of claim 162 wherein:

the replacement media is at least one television program; and

the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the

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at least one television program replacement media for the at least one blacked-out program.

169. The system of claim 162 wherein:

the replacement media is at least one promotional video; and

the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one promotional video replacement media for the at least one blacked-out program.

170. The system of claim 162 wherein:

the at least one blacked-out program is a non-pay-per-view program;

the replacement media is at least one pay-per-view program; and

the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one pay-per-view program replacement media for the at least one blacked-out non-pay-per-view program.

171. The system of claim 162 wherein:

the at least one blacked-out program is a non-video-on-demand program;

the replacement media is at least one video-on-demand program; and

the means for providing with the interactive television program guide at least one user-selectable option comprises means for providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one video-on-demand program replacement media for the at least one blacked-out non-video-on-demand program.

172. A system for supporting pay-per-view programming blackouts in an interactive television program guide, the system comprising:

means for receiving blackout information regarding at least one blacked-out pay-per-view program with the interactive television program guide;

means for determining with the interactive television program guide whether a user ordered the at least one blacked-out pay-per-view program; and

means for informing the user of the blackout of the at least one blacked-out pay-per-view program in response to the means for determining determining that the user ordered the at least one blacked-out pay-per-view program.

173. The system of claim 172 wherein the means for informing the user comprises means for displaying with the interactive television program guide a blackout notice that informs the user that the fee for the at least one blacked-out pay-per-view program will not be charged to the user's account.

means for providing the replacement media with the interactive television program guide in response to the user selection.

178. The system of claim 177 wherein the means for providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises means for providing a user-selectable list of user-targeted replacement media.

179. The system of claim 177 wherein the means for providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises means for providing a user-selectable list of replacement media that has similar program characteristics as the at least one blacked-out pay-per-view program.

180. The system of claim 177 wherein the means for providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises means for providing a user-selectable list of replacement media that is at least one different showing of the at least one blacked-out pay-per-view program.

181. The system of claim 177 wherein the means for providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises means for providing at least one user-selectable option for providing pay-per-view program replacement media for the at least one blacked-out pay-per-view program.

182. The system of claim 177 wherein the means for providing with the interactive television

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program guide at least one user-selectable option for providing replacement media comprises means for providing at least one user-selectable option for providing video-on-demand program replacement media for the at least one blacked-out pay-per-view program.

183. The system of claim 177 wherein the means for providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises means for providing at least one user-selectable option for providing television program replacement media for the at least one blacked-out pay-per-view program.

184. The system of claim 177 wherein the means for providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises means for providing at least one user-selectable option for providing promotional video replacement media for the at least one blacked-out pay-per-view program.

185. The system of claim 172 further comprising means for automatically ordering with the interactive television program guide replacement media that is a different showing of the at least one blacked-out program in response to the means for determining determining that a user ordered the at least one blacked-out program.

186. A system for providing a user of an interactive television program guide with replacement media for blacked-out programs, the system comprising:

means for receiving blackout information for at least one blacked-out program with the interactive television program guide;

means for determining targeted replacement media for the blacked-out program with the interactive television program guide;

means for indicating the availability of the targeted replacement media to the user with the interactive television program guide; and

means for providing the targeted replacement media to the user in response to receiving with the interactive television program guide a user indication to provide the targeted replacement media.

187. The system of claim 186 wherein the means for determining targeted replacement media for the blacked-out program comprises means for determining with the interactive television program guide user-targeted replacement media for the blacked-out program based on a viewing history for the user maintained by the interactive television program guide.

188. The system of claim 186 wherein the means for determining targeted replacement media comprises means for determining with the interactive television program guide targeted replacement media based on characteristics of the at least one blacked-out program and replacement media.

189. The system of claim 186 wherein the means for determining targeted replacement media comprises means for determining with the interactive television program guide targeted replacement media

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based on availability of other showings of the at least one blacked-out program.

190. The system of claim 186 wherein the means for indicating the availability of the targeted replacement media comprises means for displaying at least one program listing for the targeted replacement media with the interactive television program guide.

191. The system of claim 190 wherein the means for displaying at least one program listing comprises means for displaying at least one program listing in a program listings display with the interactive television program guide.

192. The system of claim 190 wherein the means for displaying at least one program listing comprises means for displaying at least one program listing in a FLIP display with the interactive television program guide.

193. The system of claim 190 wherein the means for displaying at least one program listing comprises means for displaying at least one program listing in an information display with the interactive television program guide.

194. The system of claim 190 wherein the means for displaying at least one program listing comprises means for displaying at least one program listing in a record list display with the interactive television program guide, wherein the at least one

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195. The system of claim 194 wherein the means for providing the targeted replacement media comprises means for recording the targeted replacement media listed in the record list display.

197. The system of claim 196 wherein the means for providing the targeted replacement media comprises means for reminding the user of the targeted replacement media listed in the reminder list display.

the at least one blacked-out program is
a non-pay-per-view program;

the means for indicating the availability of the targeted replacement media comprises means for indicating the availability of the targeted pay-per-view program replacement media for the at least one blacked-out non-pay-per-view program.

199. The system of claim 186 wherein:

the at least one blacked-out program is a non-video-on-demand program;

the targeted replacement media is at least one video-on-demand program; and

the means for indicating the availability of the targeted replacement media comprises means for indicating the availability of the targeted video-on-demand program replacement media for the at least one blacked-out non-video-on-demand program.

200. The system of claim 186 wherein the means for indicating the availability of the targeted replacement media comprises means for indicating the availability of the targeted replacement media without alerting the user that the at least one blacked-out program has been blacked out.

201. A system for providing blackout data for use by an interactive television program guide in an interactive television program guide system in which blackout data may be transmitted to the program guide using a plurality of transmission methods, the system comprising:

means for determining an optimal transmission method of the plurality of transmission methods based on when a blackout will occur; and

means for transmitting blackout data for the blackout to the interactive television program guide using the optimal transmission method.

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202. The system of claim 201 wherein the means for determining an optimal transmission method comprises:

means for determining when the blackout will occur;

means for calculating the time required by each of the plurality of transmission methods to transmit the blackout data to the interactive television program guide; and

means for selecting an optimal transmission method based on the calculated time and when the blackout will occur.

203. The system of claim 201 further comprising means for determining an optimal transmission method based on resources required by the various transmission methods.

204. The system of claim 203 wherein the means for determining an optimal transmission method based on resources comprises means for determining an optimal transmission method based on the bandwidth required by the various transmission methods.

205. The system of claim 201 wherein the means for determining an optimal transmission method comprises:

means for determining if there is sufficient time before a blackout;

means for waiting for complete blackout data to be received before transmitting the blackout data if there is sufficient time before the blackout; and

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blacked-out program as an affiliate-protection blackout.

209. The system of claim 207 wherein the means for providing at least one affiliate-protection-specific blackout feature comprises means for automatically tuning to a local affiliate channel with the interactive television program guide when an affiliate protection blackout of a national channel has occurred and a user accesses a program listing for the at least one blacked-out program.

210. The system of claim 206 wherein:
the at least one blacked-out program is a venue protection blackout; and
the means for providing the interactive television program guide features based on the type of blackout comprises means for providing at least one venue-protection-specific blackout feature for the venue protection blackout with the interactive television program guide.

211. The system of claim 210 wherein the means for providing at least one venue-protection-specific blackout feature comprises means for displaying with the interactive television program guide information that identifies the at least one blacked-out program as a venue protection blackout.

212. The system of claim 210 wherein the means for providing at least one venue-protection-specific blackout feature comprises means for displaying with the interactive television program

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guide an advertisement that advertises a venue event of the at least one blacked-out program.

213. The system of claim 210 wherein the means for providing at least one venue-protection-specific blackout feature comprises means for providing ticket purchase information for a venue event of the at least one blacked-out program with the interactive television program guide.

214. The system of claim 213 wherein the means for providing ticket purchase information comprises means for providing contact information of at least one ticket vendor that sells tickets for a venue event of the at least one blacked-out program with the interactive television program guide.

215. The system of claim 213 wherein the means for providing ticket purchase information comprises means for providing a user-selectable hyperlink to an Internet site that sells tickets to a venue event of the at least one blacked-out program with the interactive television program guide.

216. The system of claim 213 wherein the means for providing ticket purchase information comprises means for providing with the interactive television program guide a user-selectable option to purchase tickets for a venue event of the at least one blacked-out program directly from the interactive television program guide.

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receiving blackout information regarding
at least one blacked-out program with the interactive
television program guide;

displaying the blackout information regarding the at least one blacked-out program with the interactive television program guide in response to receiving the user indication.

219. The computer-readable media of claim 217 wherein receiving a user indication comprises receiving a user indication of a program from a FLIP display with the interactive television program guide.

221. The computer-readable media of claim 217 wherein receiving a user indication comprises receiving a user indication of a program from a reminder list display with the interactive television program guide.

222. The computer-readable media of claim 217 wherein receiving a user indication comprises receiving a user indication of replacement media with the interactive television program guide.

223. The computer-readable media of claim 217 wherein receiving a user indication comprises receiving a user indication of the at least one blacked-out program with the interactive television program guide.

224. The computer-readable media of claim 217 wherein displaying the blackout information comprises displaying the blackout information regarding the at least one blacked-out program in an information display with the interactive television program guide in response to receiving the user indication.

225. The computer-readable media of claim 217 wherein displaying the blackout information comprises displaying a title of the at least one blacked-out program with the interactive television program guide in response to receiving the user indication.

226. The computer-readable media of claim 217 wherein displaying the blackout information comprises displaying a blackout type of the at least one blacked-out program with the interactive television program guide in response to receiving the user indication.

227. The computer-readable media of claim 217 wherein displaying the blackout information comprises displaying a program description of the at least one blacked-out program with the interactive television

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program guide in response to receiving the user indication.

228. The computer-readable media of claim 217 wherein displaying the blackout information comprises displaying information regarding replacement media for the at least one blacked-out program with the interactive television program guide in response to receiving the user indication.

229. The computer-readable media of claim 228 wherein:

the replacement media is at least one pay-per-view program; and

displaying information regarding replacement media comprises displaying information regarding the at least one pay-per-view program with the interactive television program guide in response to receiving the user indication.

230. The computer-readable media of claim 228 wherein:

the replacement media is at least one video-on-demand program; and

displaying information regarding replacement media comprises displaying information regarding the at least one video-on-demand program with the interactive television program guide in response to receiving the user indication.

231. The computer-readable media of claim 228 wherein:

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the replacement media is at least one television program; and

displaying information regarding replacement media comprises displaying information regarding the at least one television program with the interactive television program guide in response to receiving the user indication.

232. The computer-readable media of claim 228 wherein:

the replacement media is at least one promotional video; and

displaying information regarding replacement media comprises displaying information regarding the at least one promotional video with the interactive television program guide in response to receiving the user indication.

233. The computer-readable media of claim 228 wherein:

the at least one blacked-out program is a non-pay-per-view program;

the replacement media is at least one pay-per-view program; and

displaying information regarding replacement media comprises displaying a title of the at least one pay-per-view replacement media for the at least one blacked-out non-pay-per-view program with the interactive television program guide in response to receiving the user indication.

234. The computer-readable media of claim 228 wherein:

the at least one blacked-out program is a non-video-on-demand program;

the replacement media is at least one video-on-demand program; and

displaying information regarding replacement media comprises displaying a title of the at least one video-on-demand replacement media for the at least one blacked-out non-video-on-demand program with the interactive television program guide in response to receiving the user indication.

235. The computer-readable media of claim 228 wherein displaying information regarding replacement media comprises displaying a list of recommended replacement media for the at least one blacked-out program with the interactive television program guide in response to receiving the user indication.

236. The computer-readable media of claim 235 wherein displaying a list comprises displaying a list of user-targeted replacement media for the at least one blacked-out program with the interactive television program guide in response to receiving the user indication.

237. The computer-readable media of claim 235 wherein displaying a list comprises displaying a list of replacement media having similar program characteristics as the at least one blacked-out program for the at least one blacked-out program with the interactive television program guide in response to receiving the user indication.

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238. The computer-readable media of claim 235 wherein displaying a list comprises displaying a list of replacement media that indicate at least one different showing of the at least one blacked-out program for the at least one blacked-out program with the interactive television program guide in response to receiving the user indication.

239. The computer-readable media of claim 228 wherein displaying information regarding replacement media comprises displaying at least one description of replacement media for the at least one blacked-out program with the interactive television program guide in response to receiving the user indication.

240. The computer-readable media of claim 228 wherein displaying information regarding replacement media comprises displaying at least one user-selectable option to directly tune to replacement media with the interactive television program guide in response to receiving the user indication.

241. The computer-readable media of claim 240 wherein the method further comprises:

receiving with the interactive television program guide a user selection of the at least one user-selectable option to directly tune to the replacement media; and

tuning with the interactive television program guide to the replacement media in response to the user selection.

242. The computer-readable media of claim 228 wherein displaying information regarding replacement media comprises displaying at least one user-selectable option to record replacement media with the interactive television program guide in response to receiving the indication.

243. The computer-readable media of claim 242 wherein the method further comprises:

receiving with the interactive television program guide a user selection of the at least one user-selectable option to record the replacement media;

setting a record option for the replacement media with the interactive television program guide in response to the user selection; and

recording with the interactive television program guide the replacement media when the replacement media becomes available.

244. The computer-readable media of claim 228 wherein displaying information regarding replacement media comprises displaying at least one user-selectable option to set a reminder for replacement media with the interactive television program guide in response to receiving the user indication.

245. The computer-readable media of claim 244 wherein the method further comprises:

receiving with the interactive television program guide a user selection of the at least one user-selectable option to set a reminder for the replacement media;

reminding with the interactive television program guide the user of the replacement media when the replacement media becomes available.

the replacement media is at least one pay-per-view program; and

247. The computer-readable media of claim 246 wherein the method further comprises:

ordering the at least one pay-per-view program for the user with the interactive television program guide in response to the user selection; and

248. The computer-readable media of claim 228
wherein:

the replacement media is at least one video-on-demand program; and

displaying information regarding replacement media comprises displaying at least one user-selectable option to order the at least one video-on-demand program.

249. The computer-readable media of claim 248 wherein the method further comprises:

receiving with the interactive television program guide a user selection of the at least one user-selectable option to order the at least one video-on-demand program;

ordering the at least one video-on-demand for the user with the interactive television program guide in response to the user selection; and

providing with the interactive television program guide the at least one video-on-demand program.

250. Computer-readable media for an interactive television program guide, wherein the media is encoded with machine-readable instructions for performing the method comprising:

receiving blackout information regarding at least one blacked-out program with the interactive television program guide;

determining with the interactive television program guide whether the at least one blacked-out program has been scheduled for recording;

unscheduling the at least one blacked-out program for recording with the interactive television program guide in response to the interactive television program guide determining that the at least one blacked-out program is scheduled for recording; and

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preventing with the interactive television program guide a user from scheduling the at least one blacked-out program for recording.

251. The computer-readable media of claim 250 wherein the method further comprises automatically scheduling with the interactive television program guide replacement media for the at least one blacked-out program for recording in response to the interactive television program guide determining that the at least one blacked-out program is scheduled for recording.

252. The computer-readable media of claim 251 wherein automatically scheduling comprises automatically scheduling with the interactive television program guide user-targeted replacement media for the at least one blacked-out program for recording in response to the interactive television program guide determining that the at least one blacked-out program is scheduled for recording.

253. The computer-readable media of claim 251 wherein automatically scheduling comprises automatically scheduling with the interactive television program guide replacement media having similar program characteristics as the at least one blacked-out program for recording in response to the interactive television program guide determining that the at least one blacked-out program is scheduled for recording.

254. The computer-readable media of claim 251 wherein automatically scheduling comprises automatically scheduling with the interactive television program guide replacement media that is another showing of the at least one blacked-out program for recording in response to the interactive television program guide determining that the at least one blacked-out program is scheduled for recording.

255. The computer-readable media of claim 250 wherein the method further comprises:

providing with the interactive television program guide at least one user-selectable option to schedule replacement media for the at least one blacked-out program for recording;

receiving a user selection of the user-selectable option to schedule the replacement media for recording; and

scheduling with the interactive television program guide the replacement media for the at least one blacked-out program for recording in response to the user selection.

256. The computer-readable media of claim 255 wherein providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule user-targeted replacement media for the at least one blacked-out program for recording.

257. The computer-readable media of claim 255 wherein providing with the interactive television

program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule replacement media having similar program characteristics as the at least one blacked-out program for the at least one blacked-out program for recording.

258. The computer-readable media of claim 255 wherein providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule replacement media that is a different showing of the at least one blacked-out program for the at least one blacked-out program for recording.

259. The computer-readable media of claim 255 wherein:

the replacement media is at least one pay-per-view program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule the at least one pay-per-view program replacement media for the at least one blacked-out program for recording.

260. The computer-readable media of claim 255 wherein:

the replacement media is at least one video-on-demand program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule the at least one video-on-demand program replacement media for the at least one blacked-out program for recording.

261. The computer-readable media of claim 255 wherein:

the replacement media is at least one television program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule the at least one television program replacement media for the at least one blacked-out program for recording.

262. The computer-readable media of claim 255 wherein:

the replacement media is at least one promotional video; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule the at least one promotional video replacement media for the at least one blacked-out program for recording.

263. The computer-readable media of claim 255 wherein:

the at least one blacked-out program is a non-pay-per-view program;

the replacement media is at least one pay-per-view program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule the at least one pay-per-view program replacement media for the at least one blacked-out non-pay-per-view program for recording.

264. The computer-readable media of claim 255 wherein:

the at least one blacked-out program is a non-video-on-demand program;

the replacement media is at least one video-on-demand program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule the at least one video-on-demand program replacement media for the at least one blacked-out non-video-on-demand program for recording.

265. Computer-readable media for an interactive television program guide, wherein the media is encoded with machine-readable instructions for performing the method comprising:

preventing with the interactive television program guide a user from scheduling a reminder for the at least one blacked-out program.

267. The computer-readable media of claim 266 wherein automatically scheduling comprises automatically scheduling a reminder with the interactive television program guide for user-targeted replacement media for the at least one blacked-out program.

268. The computer-readable media of claim 266 wherein automatically scheduling comprises automatically scheduling a reminder with the

269. The computer-readable media of claim 266 wherein automatically scheduling comprises automatically scheduling a reminder with the interactive television program guide for replacement media that is a different showing of the at least one blacked-out program for the at least one blacked-out program in response to the interactive television program guide determining that a reminder is scheduled for the at least one blacked-out program.

providing with the interactive television program guide at least one user-selectable option to schedule a reminder for replacement media for the at least one blacked-out program;

scheduling with the interactive television program guide a reminder for replacement media for the at least one blacked-out program in response to the user selection.

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Figure 1

(a) **Flowchart illustrating the process of identifying potential confounders.**

(b) **Flowchart illustrating the process of selecting variables for multivariable analysis.**

(c) **Flowchart illustrating the process of assessing the impact of confounding.**

(d) **Flowchart illustrating the process of adjusting for confounding.**

(e) **Flowchart illustrating the process of interpreting results.**

option comprises providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one pay-per-view program replacement media for the at least one blacked-out program.

275. The computer-readable media of claim 270 wherein:

the replacement media is at least one video-on-demand program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one video-on-demand program replacement media for the at least one blacked-out program.

276. The computer-readable media of claim 270 wherein:

the replacement media is at least one television program; and

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one television program replacement media for the at least one blacked-out program.

277. The computer-readable media of claim 270 wherein:

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one promotional video replacement media for the at least one blacked-out program.

the at least one blacked-out program is
a non-pay-per-view program;

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive television program guide at least one user-selectable option to schedule a reminder for the at least one pay-per-view program replacement media for the at least one blacked-out non-pay-per-view program.

the at least one blacked-out program is
a non-video-on-demand program;

providing with the interactive television program guide at least one user-selectable option comprises providing with the interactive

television program guide at least one user-selectable option to schedule a reminder for the at least one video-on-demand program replacement media for the at least one blacked-out non-video-on-demand program.

280. Computer-readable media for an interactive television program guide, where the media is encoded with machine-readable instructions for performing the method comprising:

receiving blackout information regarding at least one blacked-out pay-per-view program with the interactive television program guide;

determining with the interactive television program guide whether a user ordered the at least one blacked-out pay-per-view program; and

informing the user of the blackout of the at least one blacked-out pay-per-view program in response to the interactive television program guide determining that the user ordered the at least one blacked-out pay-per-view program.

281. The computer-readable media of claim 280 wherein informing the user comprises displaying with the interactive television program guide a blackout notice that informs the user that the fee for the at least one blacked-out pay-per-view program will not be charged to the user's account.

282. The computer-readable media of claim 280 wherein the method further comprises preventing with the interactive television program guide the user from ordering the at least one blacked-out pay-per-view program.

284. The computer-readable media of claim 283 wherein removing comprises setting with the interactive television program guide an invalid purchase price for the at least one blacked-out pay-per-view program, wherein the interactive television program guide does not display listings for pay-per-view programs with invalid purchase prices.

providing with the interactive television program guide at least one user-selectable option for providing replacement media for the at least one blacked-out pay-per-view program;

providing the replacement media with the interactive television program guide in response to the user selection.

286. The computer-readable media of claim 285 wherein providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises providing a user-selectable list of user-targeted replacement media.

287. The computer-readable media of claim 285 wherein providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises providing a user-selectable list of replacement media that has similar program characteristics as the at least one blacked-out pay-per-view program.

288. The computer-readable media of claim 285 wherein providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises providing a user-selectable list of replacement media that is at least one different showing of the at least one blacked-out pay-per-view program.

289. The computer-readable media of claim 285 wherein providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises providing at least one user-selectable option for providing pay-per-view program replacement media for the at least one blacked-out pay-per-view program.

290. The computer-readable media of claim 285 wherein providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises providing at least one user-selectable option for providing video-on-demand program replacement media for the at least one blacked-out pay-per-view program.

291. The computer-readable media of claim 285 wherein providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises providing at least one user-selectable option for providing television program replacement media for the at least one blacked-out pay-per-view program.

292. The computer-readable media of claim 285 wherein providing with the interactive television program guide at least one user-selectable option for providing replacement media comprises providing at least one user-selectable option for providing promotional video replacement media for the at least one blacked-out pay-per-view program.

293. The computer-readable media of claim 280 further comprising automatically ordering with the interactive television program guide replacement media that is a different showing of the at least one blacked-out program in response to determining with the interactive television program guide that a user ordered the at least one blacked-out program.

294. Computer-readable media for an interactive television program guide, wherein the media is encoded with machine-readable instructions for performing the method comprising:

receiving blackout information for at least one blacked-out program with the interactive television program guide;

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determining targeted replacement media for the blacked-out program with the interactive television program guide;

indicating the availability of the targeted replacement media to the user with the interactive television program guide; and

providing the targeted replacement media to the user in response to receiving with the interactive television program guide a user indication to provide the targeted replacement media.

295. The computer-readable media of claim 294 wherein determining targeted replacement media for the blacked-out program comprises determining with the interactive television program guide user-targeted replacement media for the blacked-out program based on a viewing history for the user maintained by the interactive television program guide.

296. The computer-readable media of claim 294 wherein determining targeted replacement media comprises determining with the interactive television program guide targeted replacement media based on characteristics of the at least one blacked-out program and replacement media.

297. The computer-readable media of claim 294 wherein determining targeted replacement media comprises determining with the interactive television program guide targeted replacement media based on availability of other showings of the at least one blacked-out program.

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the at least one blacked-out program is a non-video-on-demand program;

the targeted replacement media is at least one video-on-demand program; and

indicating the availability of the targeted replacement media comprises indicating the availability of the targeted video-on-demand program replacement media for the at least one blacked-out non-video-on-demand program.

308. The computer-readable media of claim 294 wherein indicating the availability of the targeted replacement media comprises indicating the availability of the targeted replacement media without alerting the user that the at least one blacked-out program has been blacked out.

309. Computer-readable media for an interactive television program guide in an interactive television program guide system in which blackout data may be transmitted to the program guide using a plurality of transmission methods, where the media is encoded with machine-readable instructions for performing the method comprising:

determining an optimal transmission method of the plurality of transmission methods based on when a blackout will occur; and

transmitting blackout data for the blackout to the interactive television program guide using the optimal transmission method.

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determining when the blackout will  
occur;
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selecting an optimal transmission method based on the calculated time and when the blackout will occur.

312. The computer-readable media of claim 311 wherein determining an optimal transmission method based on resources comprises determining an optimal transmission method based on the bandwidth required by the various transmission methods.

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        determining if there is sufficient time
before a blackout;

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waiting for complete blackout data to be received before transmitting the blackout data if there is sufficient time before the blackout; and

that advertises a venue event of the at least one blacked-out program.

321. The computer-readable media of claim 318 wherein providing at least one venue-protection-specific blackout feature comprises providing ticket purchase information for a venue event of the at least one blacked-out program with the interactive television program guide.

322. The computer-readable media of claim 321 wherein providing ticket purchase information comprises providing contact information of at least one ticket vendor that sells tickets for a venue event of the at least one blacked-out program with the interactive television program guide.

323. The computer-readable media of claim 321 wherein providing ticket purchase information comprises providing a user-selectable hyperlink to an Internet site that sells tickets to a venue event of the at least one blacked-out program with the interactive television program guide.

324. The computer-readable media of claim 321 wherein providing ticket purchase information comprises providing with the interactive television program guide a user-selectable option to purchase tickets for a venue event of the at least one blacked-out program directly from the interactive television program guide.

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325. A system for supporting programming blackouts in an interactive television program guide, the system comprising:

a user input device;
a display device; and
control circuitry configured to:
receive blackout information
regarding at least one blacked-out program;
receive a user indication of a
program from the user input device; and
in response to receiving a user
indication of a program from the user input device,
direct the display device to display the blackout
information regarding the at least one blacked-out
program.

326. The system of claim 325 wherein:

the user indication is a user indication
of a program from a program listings display; and
the control circuitry is configured to
receive the user indication of a program from a program
listings display from the user input device.

327. The system of claim 325 wherein:

the user indication is a user indication
of a program from a FLIP display; and
the control circuitry is configured to
receive the user indication of a program from a FLIP
display from the user input device.

328. The system of claim 325 wherein:

the user indication is a user indication
of a program from a record list display; and

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the control circuitry is configured to receive the user indication of a program from a record list display from the user input device.

329. The system of claim 325 wherein:
the user indication is a user indication of a program from a reminder list display; and
the control circuitry is configured to receive the user indication of a program from a reminder list from the user input device.

330. The system of claim 325 wherein:
the user indication is a user indication of replacement media; and
the control circuitry is configured to receive the user indication of replacement media from the user input device.

331. The system of claim 325 wherein:
the user indication is a user indication of the at least one blacked-out program; and
the control circuitry is configured to receive the user indication of the at least one blacked-out program from the user input device.

332. The system of claim 325 wherein:
the blackout information regarding the at least one blacked-out program is in an information display; and
the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the blackout information

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regarding the at least one blacked-out program in the information display.

333. The system of claim 325 wherein:

the blackout information is a title of the at least one blacked-out program; and

the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the title of the at least one blacked-out program.

334. The system of claim 325 wherein:

the blackout information is a blackout type of the at least one blacked-out program; and

the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the blackout type of the at least one blacked-out program.

335. The system of claim 325 wherein:

the blackout information is a program description of the at least one blacked-out program; and

the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the program description of the at least one blacked-out program.

336. The system of claim 325 wherein:

the blackout information is information regarding replacement media for the at least one blacked-out program; and

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the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the information regarding replacement media for the at least one blacked-out program.

337. The system of claim 336 wherein:

the replacement media is at least one pay-per-view program;

the information regarding replacement media is information regarding the at least one pay-per-view program; and

the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the information regarding the at least one pay-per-view program.

338. The system of claim 336 wherein:

the replacement media is at least video-on-demand program;

the information regarding replacement media is information regarding the at least one video-on-demand program; and

the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the information regarding the at least one video-on-demand program.

339. The system of claim 336 wherein:

the replacement media is at least one television program;

the information regarding replacement media is information regarding the at least one television program; and

the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the information regarding the at least one television program.

340. The system of claim 336 wherein:

the replacement media is at least one promotional video;

the information regarding replacement media is information regarding the at least one promotional video; and

the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the information regarding the at least one promotional video.

341. The system of claim 336 wherein:

the at least one blacked-out program is a non-pay-per-view program;

the replacement media is at least one pay-per-view program;

the information regarding replacement media is information regarding the at least one pay-per-view program; and

the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the information regarding the at least one pay-per-view program.

342. The system of claim 336 wherein:

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the at least one blacked-out program is a non-video-on-demand program;

the replacement media is at least one video-on-demand program;

the information regarding replacement media is information regarding the at least one video-on-demand program; and

the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the information regarding the at least one video-on-demand program.

343. The system of claim 336 wherein:

the information regarding replacement media is a list of recommended replacement media for the at least one blacked-out program; and

the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the list of recommended replacement media for the at least one blacked-out program.

344. The system of claim 343 wherein:

the list of recommended replacement media is a list of user-targeted replacement media for the at least one blacked-out program; and

the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the list of user-targeted replacement media for the at least one blacked-out program.

345. The system of claim 343 wherein:

the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the list of replacement media having similar program characteristics as the at least one blacked-out program for the at least one blacked-out program.

the list is a list of replacement media that indicate at least one different showing of the at least one blacked-out program for the at least one blacked-out program; and

347. The system of claim 336 wherein:

the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the at least one description of replacement media for the at least one blacked-out program.

348. The system of claim 336 wherein:
the information regarding replacement media is at least one user-selectable option to directly tune to replacement media; and
the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the at least one user-selectable option to directly tune to replacement media.

349. The system of claim 348 wherein the control circuitry is further configured to:
receive from the user input device a user selection of the at least one user-selectable option to directly tune to the replacement media; and
in response to receiving the user selection, tune to the replacement media.

350. The system of claim 336 wherein:
the information regarding replacement media at least one user-selectable option to record replacement media; and
the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the at least one user-selectable option to record replacement media.

351. The system of claim 350 further comprising:
a storage device for recording and storing data;

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wherein the control circuitry is further configured to:

receive from the user input device a user selection of the at least one user-selectable option to record the replacement media;

in response to receiving the user selection, set a record option for the replacement media; and

direct the storage device to record the replacement media when the replacement media becomes available.

352. The system of claim 336 wherein:

the information regarding replacement media is at least one user-selectable option to set a reminder for replacement media; and

the control circuitry is configured to, in response to receiving the user indication, direct the display device to display the at least one user-selectable option to set a reminder for replacement media.

353. The system of claim 352 wherein the control circuitry is further configured to:

receive from the user input device a user selection of the at least one user-selectable option to set a reminder for the replacement media;

in response to receiving the user selection, set a reminder for the replacement media; and

remind the user of the replacement media when the replacement media becomes available.

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Abstract

The purpose of this study was to determine whether there were differences in the prevalence of periodontitis between patients with type 2 diabetes mellitus (DM) and non-diabetic controls. The study included 60 patients with DM and 60 age- and sex-matched non-diabetic controls. All participants underwent a clinical examination of their periodontium. The prevalence of periodontitis was significantly higher in the DM group compared to the non-diabetic controls. The results suggest that patients with DM are at a higher risk of developing periodontitis.

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least one blacked-out program for recording in response to determining that the at least one blacked-out program is scheduled for recording.

360. The system of claim 359 wherein:

the replacement media is user-targeted replacement media; and

the control circuitry is configured to, in response to determining that the at least one blacked-out program is scheduled for recording, automatically schedule the user-targeted replacement media for the at least one blacked-out program for recording.

361. The system of claim 359 wherein:

the replacement media is replacement media having similar program characteristics as the at least one blacked-out program; and

the control circuitry is configured to, in response to determining that the at least one blacked-out program is scheduled for recording, automatically schedule the replacement media having similar program characteristics as the at least one blacked-out program for recording.

362. The system of claim 359 wherein:

the replacement media is replacement media that is another showing of the at least one blacked-out program; and

the control circuitry is configured to, in response to determining that the at least one blacked-out program is scheduled for recording, automatically schedule the replacement media that is

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the at least one user-selectable option is at least one user-selectable option to schedule replacement media having similar program characteristics as the at least one blacked-out program for the at least one blacked-out program for recording; and

the control circuitry is configured to direct the display device to display the at least one user-selectable option to schedule replacement media having similar program characteristics as the at least one blacked-out program for the at least one blacked-out program for recording.

366. The system of claim 363 wherein:

the at least one user-selectable option is at least one user-selectable option to schedule replacement media that is a different showing of the at least one blacked-out program for the at least one blacked-out program for recording; and

the control circuitry is configured to direct the display device to display the at least one user-selectable option to schedule replacement media that is a different showing of the at least one blacked-out program for the at least one blacked-out program for recording.

367. The system of claim 363 wherein:

the replacement media is at least one pay-per-view program;

the at least one user-selectable option is at least one user selectable option to schedule the at least one pay-per-view program for the at least one blacked-out program for recording; and

the control circuitry is configured to direct the display device to display the at least one user-selectable option to schedule the at least one pay-per-view program for the at least one blacked-out program for recording.

368. The system of claim 363 wherein:

the replacement media is at least one video-on-demand program;

the at least one user-selectable option is at least one user selectable option to schedule the at least one video-on-demand program for the at least one blacked-out program for recording; and

the control circuitry is configured to direct the display device to display the at least one user-selectable option to schedule the at least one video-on-demand program for the at least one blacked-out program for recording.

369. The system of claim 363 wherein:

the replacement media is at least one television program;

the at least one user-selectable option is at least one user selectable option to schedule the at least one television program for the at least one blacked-out program for recording; and

the control circuitry is configured to direct the display device to display at least one user-selectable option to schedule the at least one television program for the at least one blacked-out program for recording.

370. The system of claim 363 wherein:

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the control circuitry is configured to direct the display device to display the at least one user-selectable option to schedule the at least one video-on-demand program for the at least one blacked-out non-video-on-demand program for recording.

control circuitry that is configured to:
receive blackout information
regarding at least one blacked-out program;
determine whether a reminder is
scheduled for the at least one blacked-out program;
in response to the interactive
television program guide determining that a reminder is
scheduled for the at least one blacked-out program,
unschedule the reminder for the at least one blacked-
out program; and

374. The system of claim 373 wherein the control circuitry is further configured to automatically schedule a reminder for replacement media for the at least one blacked-out program in response to determining that a reminder is scheduled for the at least one blacked-out program.

375. The system of claim 374 wherein:

the replacement media is user-targeted replacement media; and

the control circuitry is configured to, in response to determining that the at least one blacked-out program is scheduled for recording, automatically schedule a reminder for the user-targeted replacement media for the at least one blacked-out program.

376. The system of claim 374 wherein:

the replacement media is replacement media having similar program characteristics as the at least one blacked-out program; and

the control circuitry is configured to, in response to determining that the at least one blacked-out program is scheduled for recording, automatically schedule a reminder for the replacement media having similar program characteristics as the at least one blacked-out program for the at least one blacked-out program.

377. The system of claim 374 wherein:

the replacement media is replacement media that is a different showing of the at least one blacked-out program; and

the control circuitry is configured to, in response to determining that the at least one blacked-out program is scheduled for recording, automatically schedule a reminder for the replacement media that is a different showing of the at least one blacked-out program for the at least one blacked-out program.

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378. The system of claim 373 further comprising:

a display device;

a user input device; and

wherein the control circuitry is further configured to:

direct the display device to display at least one user-selectable option to schedule a reminder for replacement media for the at least one blacked-out program;

receive from the user input device a user selection of the user-selectable option to schedule a reminder for the replacement media with the interactive television program guide; and

in response to receiving the user selection, schedule a reminder for replacement media for the at least one blacked-out program.

379. The system of claim 378 wherein:

the at least one user-selectable option is at least one user-selectable option to schedule a reminder for user-targeted replacement media for the at least one blacked-out program; and

the control circuitry is configured to direct the display device to display the at least one user-selectable option to schedule a reminder for user-targeted replacement media for the at least one blacked-out program.

380. The system of claim 378 wherein:

the at least one user-selectable option is at least one user-selectable option to schedule a reminder for replacement media having similar program

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at least one pay-per-view program for the at least one blacked-out program.

383. The system of claim 378 wherein:

the replacement media is at least one video-on-demand program;

the at least one user selectable option is at least one user selectable option to schedule a reminder for the at least one video-on-demand program for the at least one blacked-out program; and

the control circuitry is configured to direct the display device to display the at least one user-selectable option to schedule a reminder for the at least one video-on-demand program for the at least one blacked-out program.

384. The system of claim 378 wherein:

the replacement media is at least one television program;

the at least one user selectable option is at least one user selectable option to schedule a reminder for the at least one television program for the at least one blacked-out program; and

the control circuitry is configured to direct the display device to display the at least one user-selectable option to schedule a reminder for the at least one television program for the at least one blacked-out program.

385. The system of claim 378 wherein:

the replacement media is at least one promotional video;

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the at least one user selectable option is at least one user selectable option to schedule a reminder for the at least one promotional video for the at least one blacked-out program; and

the control circuitry is configured to direct the display device to display the at least one user-selectable option to schedule a reminder for the at least one promotional video for the at least one blacked-out program.

386. The system of claim 378 wherein:

the at least one blacked-out program is a non-pay-per-view program;

the replacement media is at least one pay-per-view program;

the at least one user-selectable option is at least one user selectable option to schedule a reminder for the at least one pay-per-view program for the at least one blacked-out non-pay-per-view program; and

the control circuitry is configured to direct the display device to display the at least one user-selectable option to schedule a reminder for the at least one pay-per-view program for the at least one blacked-out non-pay-per-view program.

387. The system of claim 378 wherein:

the at least one blacked-out program is a non-video-on-demand program;

the replacement media is at least one video-on-demand program;

the at least one user-selectable option is at least one user selectable option to schedule a

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the control circuitry is configured to direct the display device to display the at least one user-selectable option to schedule a reminder for the at least one video-on-demand program for the at least one blacked-out non-video-on-demand program.

a display device; and
control circuitry configured to:
receive blackout information
regarding at least one blacked-out pay-per-view
program;

389. The system of claim 388 wherein:
the information that informs the user of
the blackout is a blackout notice that informs the user
that the fee for the at least one blacked-out pay-per-
view program will not be charged to the user's account;
and

the control circuitry is configured to, in response to determining that user ordered the at

least one blacked-out pay-per-view program, direct the display device to display the blackout notice that informs the user that the fee for the at least one blacked-out pay-per-view program will not be charged to the user's account.

390. The system of claim 388 wherein the control circuitry is further configured to prevent the user from ordering the at least one blacked-out pay-per-view program.

391. The system of claim 390 wherein the control circuitry is configured to remove listings for the at least one blacked-out pay-per-view program from displays of listings of available pay-per-view programs.

392. The system of claim 391 wherein:
the at least one blacked-out pay-per-view program has an invalid purchase price; and
the control circuitry is configured to not direct the display device to display listings for the at least one blacked-out pay-per-view program based on the invalid purchase price.

393. The system of claim 388 further comprising:
a user input device; and
wherein the control circuitry is further configured to:
direct the display device to display at least one user-selectable option for

providing replacement media for the at least one
blacked-out pay-per-view program;

receive from the user input device
a user selection of the user-selectable option for
providing replacement media; and

in response to receiving the user
selection, direct the display device to display the
replacement media.

394. The system of claim 393 wherein:

the at least one user-selectable option
is a user-selectable list of user-targeted replacement
media; and

the control circuitry is configured to
direct the display device to display the user-
selectable list of user-targeted replacement media.

395. The system of claim 393 wherein:

the at least one user-selectable option
is a user-selectable list of replacement media that has
similar program characteristics as the at least one
blacked-out pay-per-view program; and

the control circuitry is configured to
direct the display device to display the user-
selectable list of replacement media that has similar
program characteristics as the at least one blacked-out
pay-per-view program.

396. The system of claim 393 wherein:

the at least one user-selectable option
is a user-selectable list of replacement media that is
at least one different showing of the at least one
blacked-out pay-per-view program; and

the control circuitry is configured to direct the display device to display the user-selectable list of replacement media that is at least one different showing of the at least one blacked-out pay-per-view program.

397. The system of claim 393 wherein:

the at least one user-selectable option is at least one user-selectable option for providing pay-per-view program replacement media for the at least one blacked-out pay-per-view program; and

the control circuitry is configured to direct the display device to display the at least one user-selectable option for providing pay-per-view program replacement media for the at least one blacked-out pay-per-view program.

398. The system of claim 393 wherein:

the at least one user-selectable option is at least one user-selectable option for providing video-on-demand program replacement media for the at least one blacked-out pay-per-view program; and

the control circuitry is configured to direct the display device to display the at least one user-selectable option for providing video-on-demand program replacement media for the at least one blacked-out pay-per-view program.

399. The system of claim 393 wherein:

the at least one user-selectable option is at least one user-selectable option for providing television program replacement media for the at least one blacked-out pay-per-view program; and

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direct the display device to display information that indicates the availability of the targeted replacement media to the user;

in response to receiving the user indication, direct the display device to display the targeted replacement media.

the targeted replacement media is user-targeted replacement media for the blacked-out program based on a viewing history for the user maintained by the interactive program guide; and

404. The system of claim 402 wherein:

the control circuitry is configured to determine the targeted replacement media based on characteristics of the at least one blacked-out program and replacement media.

405. The system of claim 402 wherein:

the targeted replacement media is replacement media that is at least one other showing of the at least one blacked-out program; and

the control circuitry is configured to determine the replacement media that is at least one other showing of the at least one blacked-out program.

406. The system of claim 402 wherein:

the information that indicates the availability of the targeted replacement media is at least one program listing for the targeted replacement media; and

the control circuitry is configured to direct the display device to display the at least one program listing for the targeted replacement media.

407. The system of claim 406 wherein:

the at least one program listing is in a program listings display; and

the control circuitry is configured to direct the display device to display the at least one program listing in the program listings display.

408. The system of claim 406 wherein:

the at least one program listing is in a FLIP display; and

the control circuitry is configured to direct the display device to display the at least one program listing in the FLIP display.

409. The system of claim 406 wherein:

the at least one program listing is in an information display; and

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the control circuitry is configured to direct the display device to display the at least one program listing is in the information display.

410. The system of claim 406 wherein:

the at least one program listing is in a record list display, wherein the at least one program listing replaces a program listing for the at least one blacked-out program; and

the control circuitry is configured to direct the display device to display the at least one program listing is in the record list display.

411. The system of claim 410 wherein:

wherein the system further comprises a storage device for recording and storing data;

the control circuitry is configured to direct the storage device to record the targeted replacement media listed in the record list display.

412. The system of claim 406 wherein:

the at least one program listing is in a reminder list display, wherein the at least one program listing replaces a program listing for the at least one blacked-out program; and

the control circuitry is configured to direct the display device to display the at least one program listing is in the reminder list display.

413. The system of claim 412 wherein the control circuitry is configured to direct the display device to display a reminder of the targeted replacement media listed in the reminder list display.

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the control circuitry is configured to direct the display device to display the information that indicates the availability of the at least one pay-per-view program for the at least one blacked-out non-pay-per-view program.

the control circuitry is configured to direct the display device to display the information that indicates the availability of the at least one video-on-demand program for the at least one blacked-out non-video-on-demand program.

416. The system of claim 402 wherein:

the information that indicates the availability of the targeted replacement media does not alert the user that the at least one blacked-out program has been blacked out; and

the control circuitry is configured to direct the display device to display the information that indicates the availability of the targeted replacement media that does not alert the user that the at least one blacked-out program has been blacked out.

417. A system for providing blackout data for use by an interactive television program guide in an interactive television program guide system in which blackout data may be transmitted to the program guide using a plurality of transmission methods, the system comprising:

a transmitter; and

control circuitry configured to:

determine an optimal transmission method of the plurality of transmission methods based on when a blackout will occur; and

direct the transmitter to transmit blackout data for the blackout to the interactive television program guide using the optimal transmission method.

418. The system of claim 417 wherein the control circuitry is configured to:

determine when the blackout will occur;

calculate the time required by each of the plurality of transmission methods to transmit the

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blackout data to the interactive television program guide; and

select an optimal transmission method based on the calculated time and when the blackout will occur.

419. The system of claim 417 wherein the control circuitry is further configured to determine an optimal transmission method based on resources required by the various transmission methods.

420. The system of claim 419 wherein:

the resources are bandwidth required by the various transmission methods; and

the control circuitry is configured to determine an optimal transmission method based on the bandwidth required by the various transmission methods.

421. The system of claim 417 wherein the control circuitry is configured to:

determine if there is sufficient time before a blackout;

wait for complete blackout data to be received before transmitting the blackout data if there is sufficient time before the blackout; and

direct the transmitter to transmit the blackout data if the complete blackout data is received or if there is insufficient time before the blackout.

422. A system for providing interactive television program guide features for blacked-out programs based on blackout types, the system comprising:

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control circuitry configured to:
receive blackout information for at least one blacked-out program, wherein the blackout information indicates a type of a blackout for the at least one blacked-out program; and
provide the interactive television program guide features based on the type of the blackout for the at least one blacked-out program with the interactive television program guide.

423. The system of claim 422 wherein:
the at least one blacked-out program is an affiliate protection blackout;
the program guide features based on the type of blackout include at least one affiliate-protection-specific blackout feature for the affiliate protection blackout; and
the control circuitry is configured to provide at the least one affiliate-protection-specific blackout feature for the affiliate protection blackout.

424. The system of claim 423 wherein:
the system further comprises a display device;
the at least one affiliate-protection-specific blackout feature is information that identifies the at least one blacked-out program as an affiliate-protection blackout; and
the control circuitry is configured to direct the display device to display the information that identifies the at least one blacked-out program as an affiliate-protection blackout.

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425. The system of claim 423 wherein:

the at least one affiliate-protection-specific blackout feature is automatic tuning to a local affiliate channel when an affiliate protection blackout of a national channel has occurred and a user accesses a program listing for the at least one blacked-out program; and

the control circuitry is configured to tune to a local affiliate channel when an affiliate protection blackout of a national channel has occurred and a user accesses a program listing for the at least one blacked-out program.

426. The system of claim 422 wherein:

the at least one blacked-out program is a venue protection blackout;

the program guide features based on the type of blackout include at least one venue-protection-specific blackout feature for the venue protection blackout; and

the control circuitry is configured to provide at least one venue-protection-specific blackout feature for the venue protection blackout.

427. The system of claim 426 wherein:

the system further comprises a display device;

the at least one venue-protection-specific blackout feature is information that identifies the at least one blacked-out program as a venue protection blackout; and

the control circuitry is configured to direct the display device to display the information

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the control circuitry is configured to direct the display device to display the contact information of at least one ticket vendor that sells tickets for a venue event of the at least one blacked-out program.

431. The system of claim 429 wherein:

the ticket purchase information is a user-selectable hyperlink to an Internet site that sells tickets to a venue event of the at least one blacked-out program; and

the control circuitry is configured to direct the display device to display the a user-selectable hyperlink to an Internet site that sells tickets to a venue event of the at least one blacked-out program.

432. The system of claim 429 wherein:

the ticket purchase information is a user-selectable option to purchase tickets for a venue event of the at least one blacked-out program directly from the interactive television program guide; and

the control circuitry is configured to direct the display device to display the a user-selectable option to purchase tickets for a venue event of the at least one blacked-out program directly from the interactive television program guide.

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